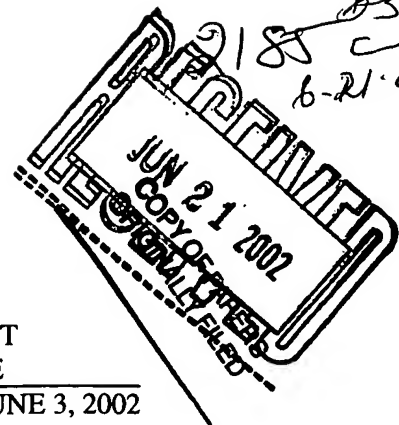




UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: PLOURDE ART GROUP: 2185
APPL. NO.: 10/005,628 EXAMINER: UNKNOWN
FILED: DECEMBER 5, 2001 DOCKET NO.: A-7446
TITLE: DISK DRIVER CLUSTER MANAGEMENT OF TIME SHIFT
BUFFER WITH FILE ALLOCATION TABLE STRUCTURE

JUNE 3, 2002



TRANSMITTAL OF SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, DC 20231

Sir:

Transmitted herewith for filing in the above-identified patent application, please find:

1. X 3 Page Supplemental Information Disclosure Statement
2. X Form PTO-1449
3. X Copy of Cited Art
4. X Return Postcard

RECEIVED
JUN 18 2002
Technology Center 2100

In the event a fee is required, the Commissioner is hereby authorized to charge payment of any fees required in connection with this Information Disclosure Statement to our Deposit Account No. 19-0761. A duplicate copy of this letter is transmitted herewith.

Respectfully submitted:

SEND CORRESPONDENCE TO:

Scientific-Atlanta, Inc.
Intellectual Property Dept. MS 4.3.518
5030 Sugarloaf Parkway
Lawrenceville, GA 30044

By: Kenneth M. Massaroni
KENNETH M. MASSARONI
Attorney of Record
Reg. No.: 33,015
Phone: (770) 236-4717
Fax No.: (770) 236-4806

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents
Washington, DC 20231

on JUNE 3, 2002.

Maryellen Licker
Maryellen Licker



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

COPY OF PAPERS
ORIGINALLY FILED

APPLICANTS: PLOURDE GRP. ART UNIT: 2185
APP. NO.: 10/005,628 EXAMINER: UNKNOWN
FILED: DECEMBER 5, 2001 DOCKET NO.: A-7446
TITLE: DISK DRIVER CLUSTER MANAGEMENT OF TIME SHIFT BUFFER WITH
FILE ALLOCATION TABLE STRUCTURE

JUNE 3, 2002

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

RECEIVED

JUN 18 2002

Commissioner for Patents
Washington, D.C. 20231

Technology Center 2100

Sir:

This information disclosure statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, and specifically:

- ☒ under 37 CFR 1.97(b), or
(within Three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement Under 37 C.F.R. 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97(b) time period, but before the final office action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:
☐ Statement under 37 CFR 1.97(e), and
☐ a \$180.00 petition fee set forth in 37 CFR 1.17(i)(1).
(Filed after final office action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge \$0.00 to deposit account 19-0761. At any time during the pendency of this application, please charge any fees required to Deposit Account 19-0761 pursuant to 37 CFR 1.25. The Commissioner is hereby requested to credit any overpayment to Deposit Account No. 19-0761.

- ☒ Applicant(s) submit herewith *Form PTO 1449 - Information Disclosure Citation* together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may or may not be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56. As required by 37 C.F.R. §1.98(a), a legible copy of each document is provided.

The Cited Art includes:

1. U.S. 4,706,121
2. U.S. 4,908,713
3. U.S. 4,963,994

4. U.S. 5,253,066
5. U.S. 5,293,357
6. U.S. 5,477,262
7. U.S. 5,479,268
8. U.S. 5,508,815
9. U.S. 5,568,272
10. U.S. 5,809,204
11. U.S. 5,915,068
12. Scientific-Atlanta, Inc. Pending Application Serial #10/010,270, Atty. Docket #A-7182, filed December 6, 2001, Title: "Controlling Substantially Constant Buffer Capacity for Personal Video Recording With Consistent User Interface of Available Disk Space," Inventors: Harold J. Plourde, Jr. and Arturo A. Rodriguez
13. Scientific-Atlanta, Inc. Pending Application Serial #10/008,624, Atty. Docket #A-7313, filed December 6, 2001, Title: "Converting Time-Shift Buffering for Personal Video Recording Into Permanent Recordings," Inventors: Harold J. Plourde, Jr. and Arturo A. Rodriguez
14. Scientific-Atlanta, Inc. Pending Application Serial #10/008,439, Atty. Docket #A-7314, filed December 6, 2001, Title: "Dividing and Managing Time-Shift Buffering Into Program Specific Segments Based on Defined Durations," Inventors: Harold J. Plourde, Jr. and Arturo A. Rodriguez
15. Scientific-Atlanta, Inc. Pending Application Serial #10/010,781, Atty. Docket #A-7251, filed December 5, 2001, Title: "Application Management and Interface for Cluster Control of Time Shift Buffer," Inventor: Harold J. Plourde, Jr.
16. Scientific-Atlanta, Inc. Pending Application Serial #10/015,349, Atty. Docket #A-7279, filed December 11, 2001, Title: "Controlling Personal Video Recording Functions from Interactive Television," Inventors: Mark E. Schutte and Valerie G. Gutknecht
17. Scientific-Atlanta, Inc. Pending Application Serial #10/034,028, Atty. Docket #A-7316, filed December 20, 2001, Title: "Program Position User Interface for Personal Video Recording Time Shift Buffer," Inventors: Dariusz S. Kaminski and Robert O. Banker
18. Scientific-Atlanta, Inc. Pending Application Serial #10/102,043, Atty. Docket #A-7484, filed March 20, 2002, Title: "Composite Buffering," Inventors: John Eric West and Arturo A. Rodriguez
19. Scientific-Atlanta, Inc. Pending Application Serial #10/143,123, Atty. Docket #A-7315, filed May 10, 2002, Title: "Channel Buffering and Display Management System for Multi-Tuner Set-Top Box," Inventors: Arturo A. Rodriguez and Ramesh Nallur
20. Scientific-Atlanta, Inc. Pending Application Serial #10/143,647, Atty. Docket #A-8142, filed May 10, 2002, Title: "Managing Time Shift Buffers," Inventors: Dariusz S. Kaminski, Arturo A. Rodriguez, Robert O. Banker and Valerie G. Gutknecht



A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on the form PTO 1449 and is enclosed herewith.

The following rights are reserved by the Applicant(s): the right to establish the patentability of the claimed invention over any of the listed documents should they be applied as reference, and/or the right to prove that some of these documents may not be prior art, and/or the right to prove that some of these documents may not be enabling for the teachings they purport to offer.

This statement should not be construed as a representation that an exhaustive search has been made, or that information more material to the examination of the present application does not exist. The Examiner is specifically requested not to rely solely on the materials submitted herewith. The Examiner is requested to conduct an independent and thorough review of the documents, and to form independent opinions as to their significance.

It is requested that the information disclosed herein be made of record in this application and that the Examiner initial and return a copy of the enclosed PTO-1449 to indicate the documents have been considered.

Respectfully Submitted,

By:



SEND CORRESPONDENCE TO:

Scientific-Atlanta, Inc.
Intellectual Property Dept. MS 4.3.518
5030 Sugarloaf Parkway
Lawrenceville, GA 30044

KENNETH M. MASSARONI
Attorney of Record
Reg. No.: 33,015
Phone: (770) 236-4717
Fax No.: (770) 236-4806

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents
Washington, DC 20231

on JUNE 3, 2002.


Maryellen Lieker

Form PTO-1449

U.S. Dept. of Commerce, Patent and Trademarks

LIST OF ART CITED BY APPLICANT

(Use several sheets if necessary)

COPY OF PAPERS
ORIGINALLY FILEDAttorney Docket No.
A-7446Serial No.
10/005,628Filing Date
DECEMBER 5, 2001Applicant:
PLOURDEGroup
2185**RECEIVED****U.S. PATENT DOCUMENTS**

JUN 18 2002

Examiner's Initial		Document No.	Date	Name	Class	Subclass	
	AA	4,706,121	11/10/87	Young	358	142	
	AB	4,908,713	3/13/90	Levine	358	335	
	AC	4,963,994	10/16/90	Levine	358	335	
	AD	5,253,066	10/12/93	Vogel	358	188	
	AE	5,293,357	3/8/94	Hallenbeck	348	734	
	AF	5,477,262	12/19/95	Banker et al.	348	7	
	AG	5,479,268	12/26/95	Young et al.	358	335	
	AH	5,508,815	4/16/96	Levine	358	335	
	AI	5,568,272	10/22/96	Levine	386	48	
	AJ	5,809,204	9/15/98	Young et al.	386	83	
	AK	5,915,068	6/22/99	Levine	386	83	

Technology Center 2100

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation
	AL						
	AM						

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

AN	Scientific-Atlanta, Inc. Pending Application Serial #10/010,270, Atty. Docket #A-7182, filed December 6, 2001, Title: "Controlling Substantially Constant Buffer Capacity for Personal Video Recording With Consistent User Interface of Available Disk Space," Inventors: Harold J. Plourde, Jr. and Arturo A. Rodriguez
AO	Scientific-Atlanta, Inc. Pending Application Serial #10/008,624, Atty. Docket #A-7313, filed December 6, 2001, Title: "Converting Time-Shift Buffering for Personal Video Recording Into Permanent Recordings," Inventors: Harold J. Plourde, Jr. and Arturo A. Rodriguez
AP	Scientific-Atlanta, Inc. Pending Application Serial #10/008,439, Atty. Docket #A-7314, filed December 6, 2001, Title: "Dividing and Managing Time-Shift Buffering Into Program Specific Segments Based on Defined Durations," Inventors: Harold J. Plourde, Jr. and Arturo A. Rodriguez
AQ	Scientific-Atlanta, Inc. Pending Application Serial #10/010,781, Atty. Docket #A-7251, filed December 5, 2001, Title: "Application Management and Interface for Cluster Control of Time Shift Buffer," Inventor: Harold J. Plourde, Jr.

EXAMINER**DATE CONSIDERED:**

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance. Include copy of this form with next communication to Applicant.

Form PTO-449

U.S. Dept. of Commerce, Patent and Trademarks

LIST OF ART CITED BY APPLICANT

(Use several sheets if necessary)

COPY OF PAPERS
ORIGINALLY FILED

Attorney Docket No. A-7446	Serial No. 10/005,628	Filing Date DECEMBER 5, 2001
-------------------------------	--------------------------	---------------------------------

Applicant: PLOURDE	Group 2185
-----------------------	---------------

RECEIVED

JUN 18 2002

U.S. PATENT DOCUMENTS

Examiner's Initial	Document No.	Date	Name	Class	Subclass	
AR						
AS						
AT						
AU						

Technology Center 2100**FOREIGN PATENT DOCUMENTS**

	Document No.	Date	Country	Class	Subclass	Translation
AV						
AW						
AX						

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

AY	Scientific-Atlanta, Inc. Pending Application Serial #10/015,349, Atty. Docket #A-7279, filed December 11, 2001, Title: "Controlling Personal Video Recording Functions from Interactive Television," Inventors: Mark E. Schutte and Valerie G. Gutknecht
AZ	Scientific-Atlanta, Inc. Pending Application Serial #10/034,028, Atty. Docket #A-7316, filed December 20, 2001, Title: "Program Position User Interface for Personal Video Recording Time Shift Buffer," Inventors: Dariusz S. Kaminski and Robert O. Banker
AAA	Scientific-Atlanta, Inc. Pending Application Serial #10/102,043, Atty. Docket #A-7484, filed March 20, 2002, Title: "Composite Buffering," Inventors: John Eric West and Arturo A. Rodriguez
ABB	Scientific-Atlanta, Inc. Pending Application Serial #10/143,123, Atty. Docket #A-7315, filed May 10, 2002, Title: "Channel Buffering and Display Management System for Multi-Tuner Set-Top Box," Inventors: Arturo A. Rodriguez and Ramesh Nallur
ACC	Scientific-Atlanta, Inc. Pending Application Serial #10/143,647, Atty. Docket #A-8142, filed May 10, 2002, Title: "Managing Time Shift Buffers," Inventors: Dariusz S. Kaminski, Arturo A. Rodriguez, Robert O. Banker and Valerie G. Gutknecht
ADD	

EXAMINER**DATE CONSIDERED:**

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance. Include copy of this form with next communication to Applicant.